

FIG. 1

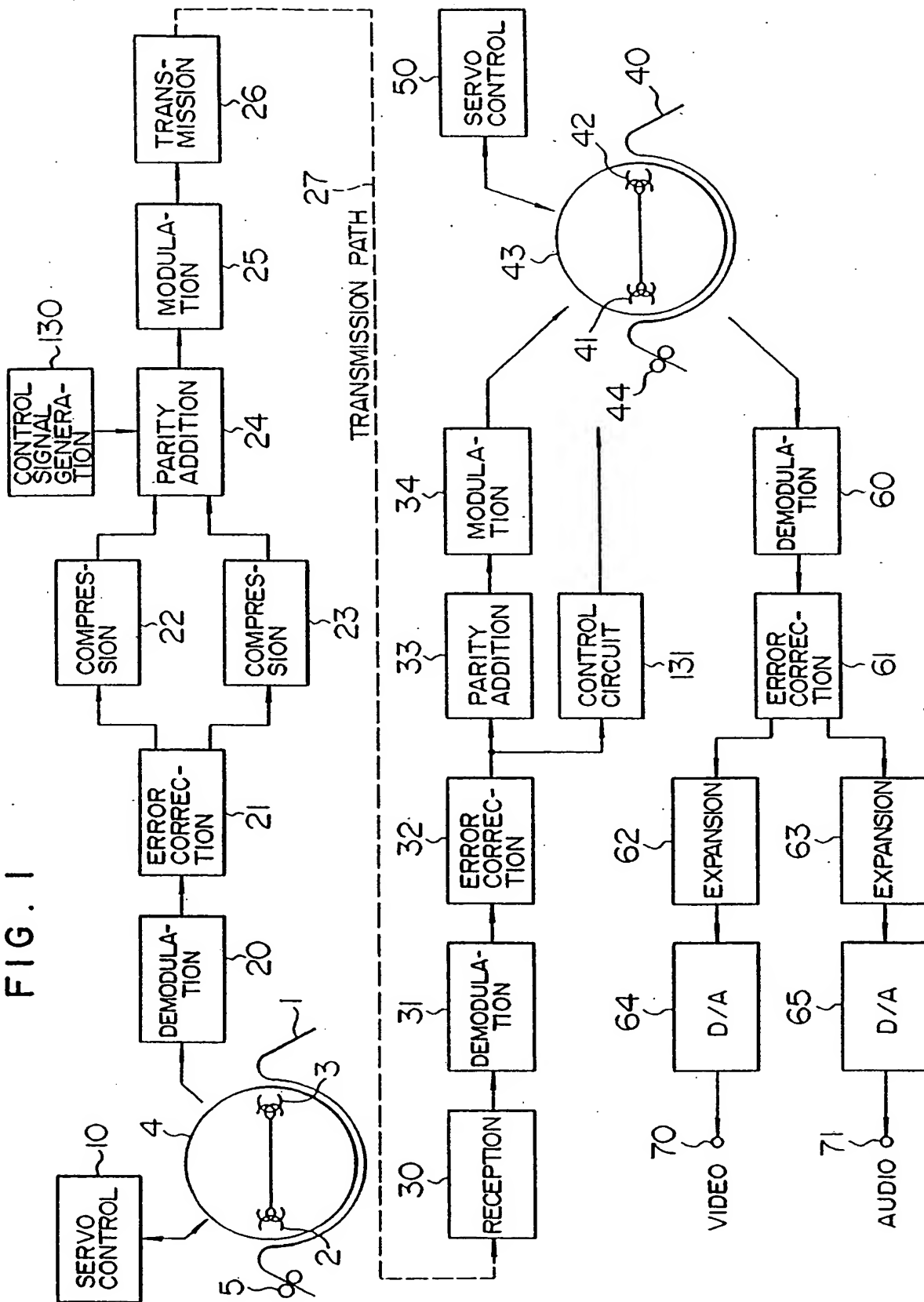


FIG. 2

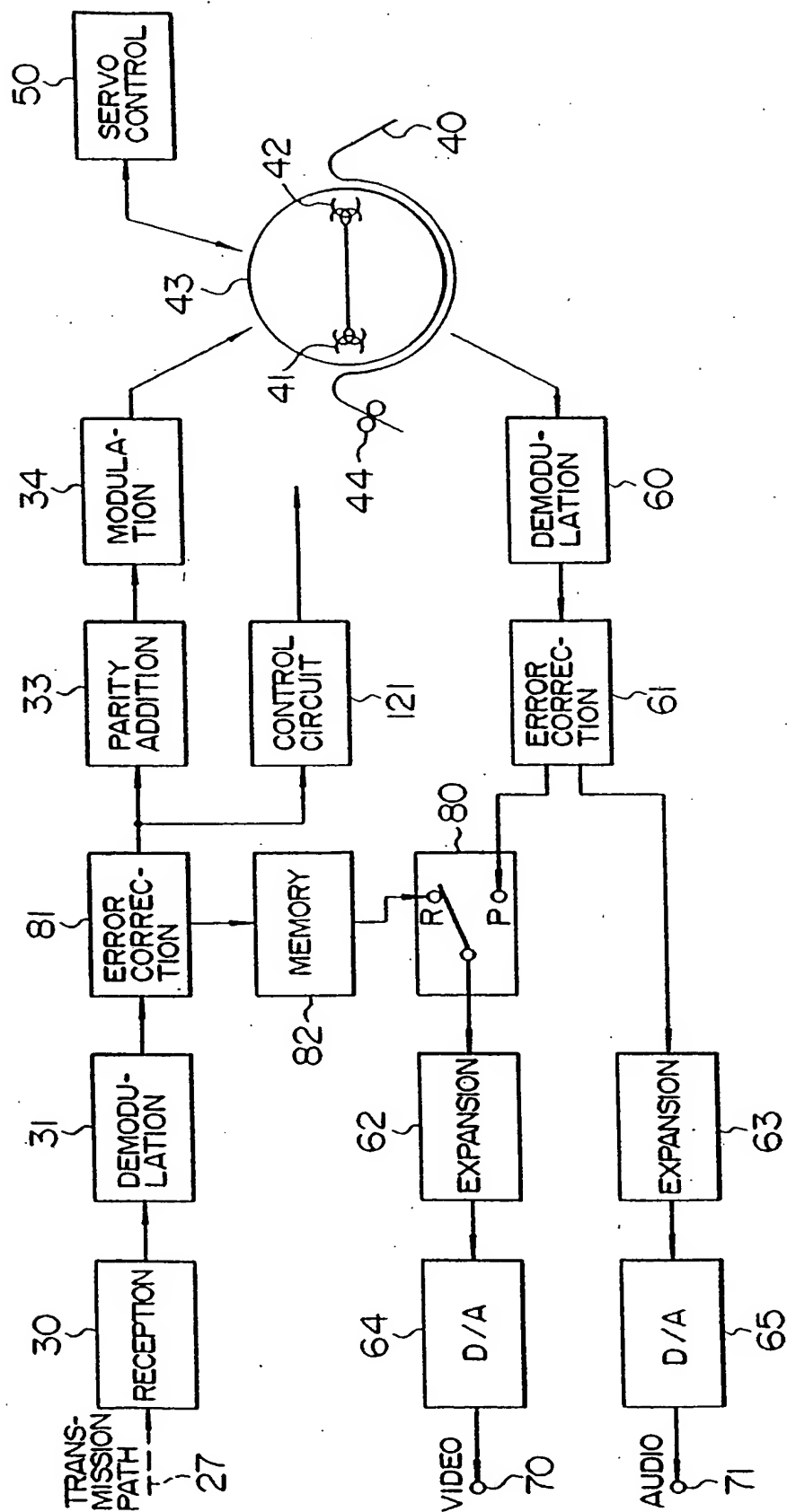


FIG. 3

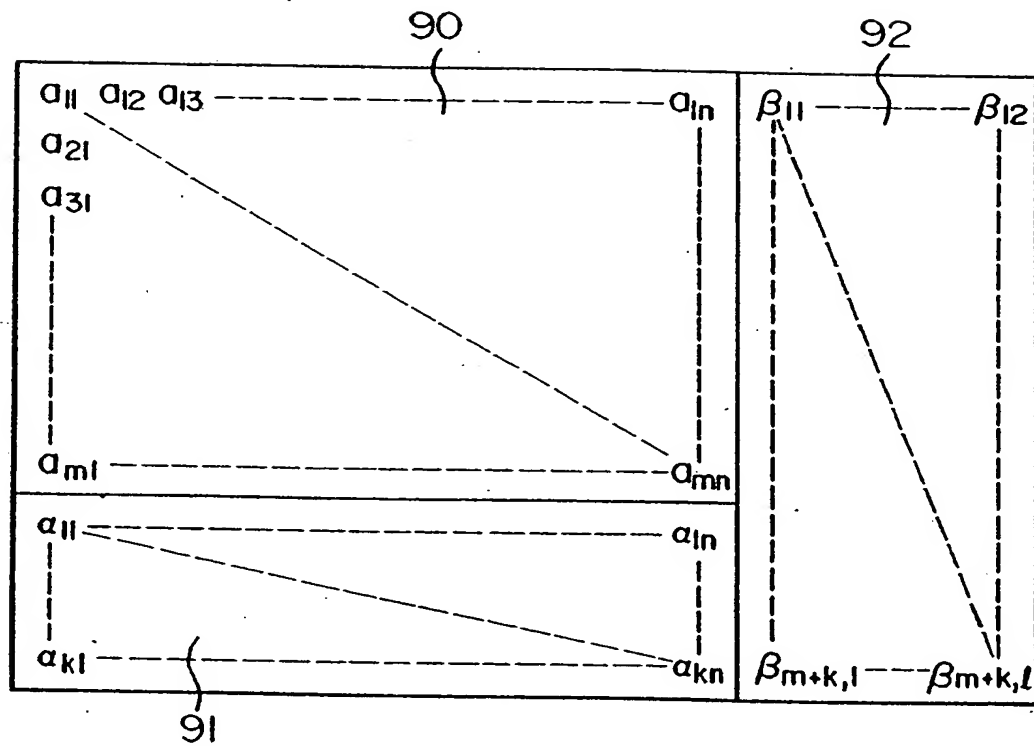


FIG. 4

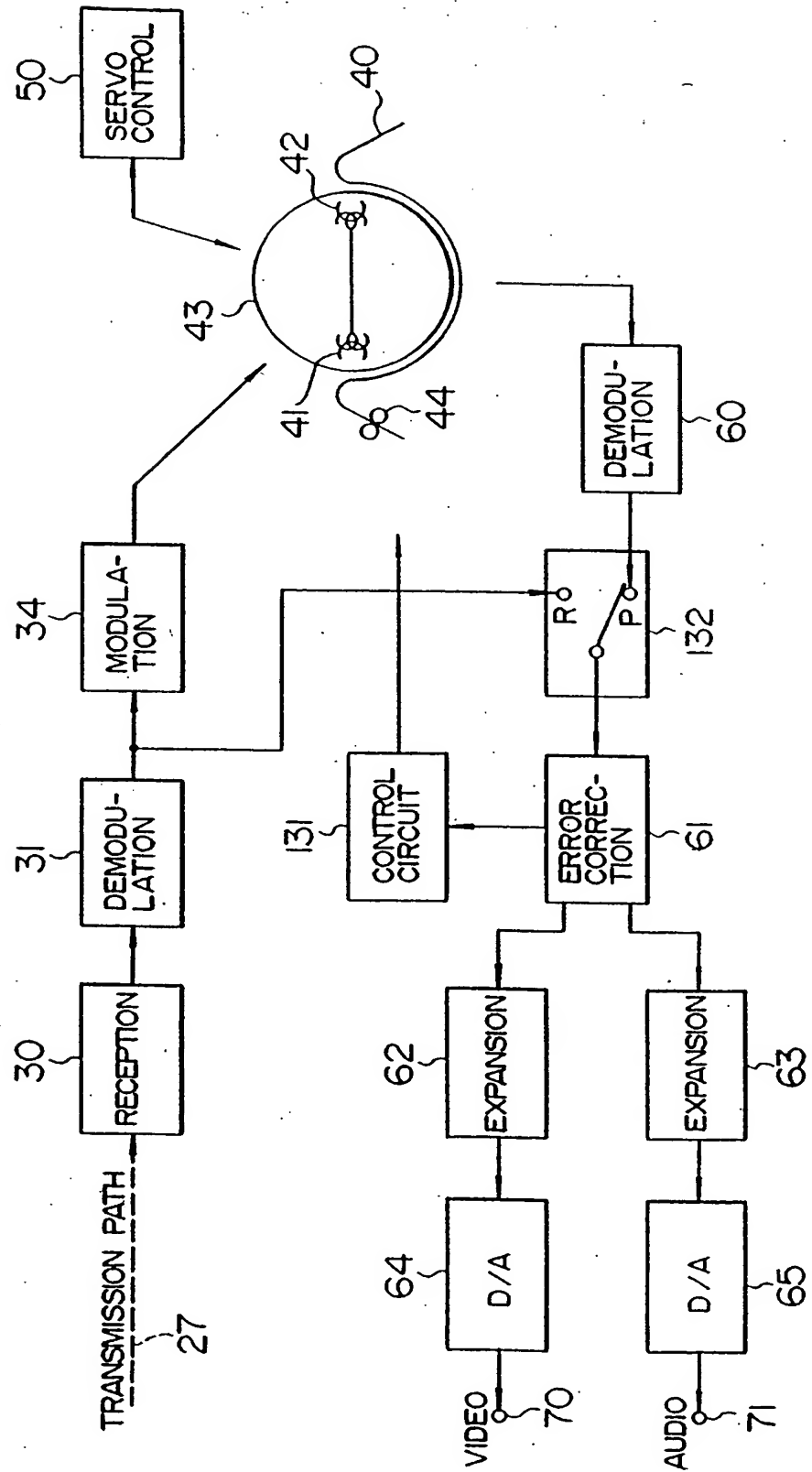


FIG. 5

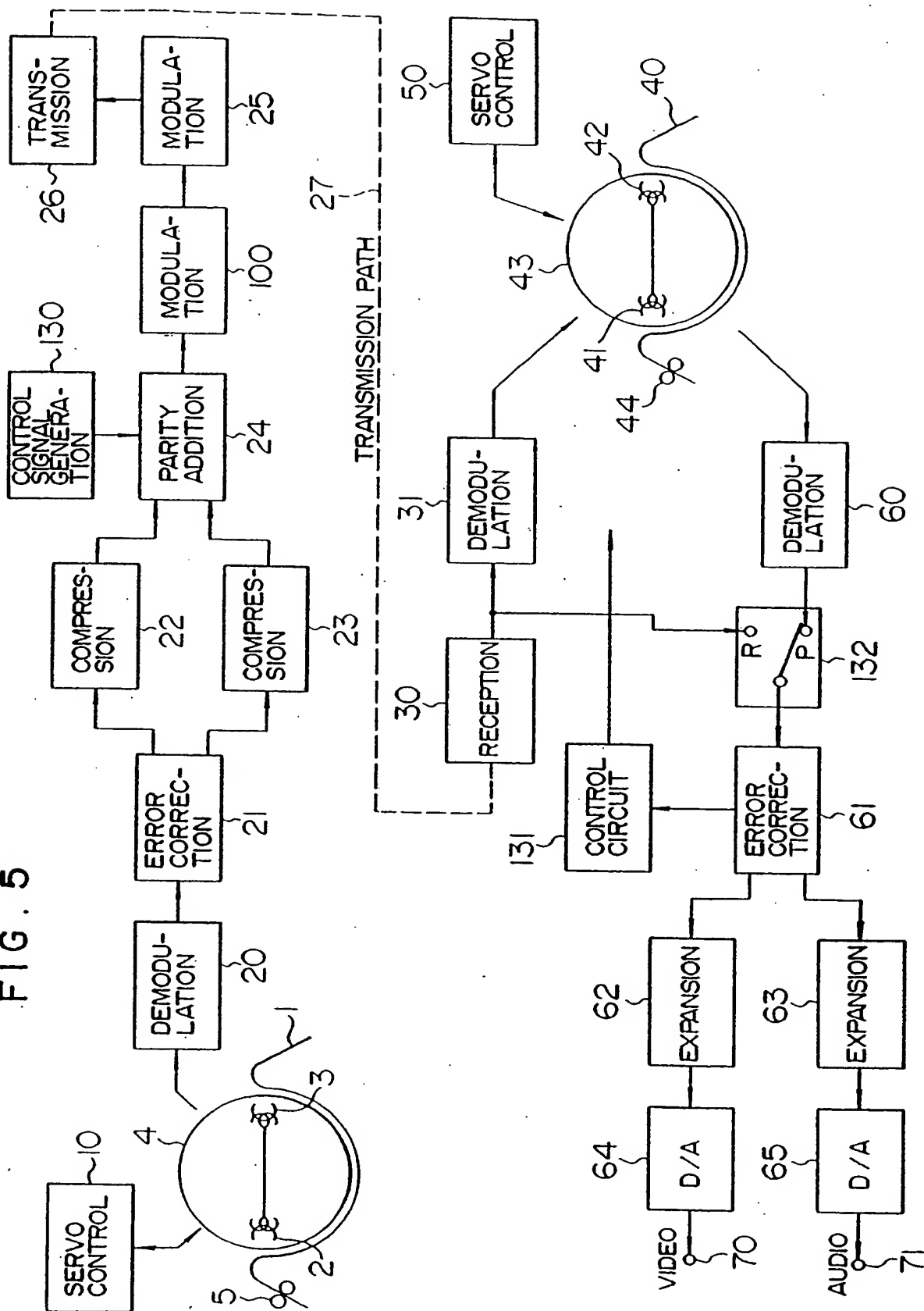


FIG. 6

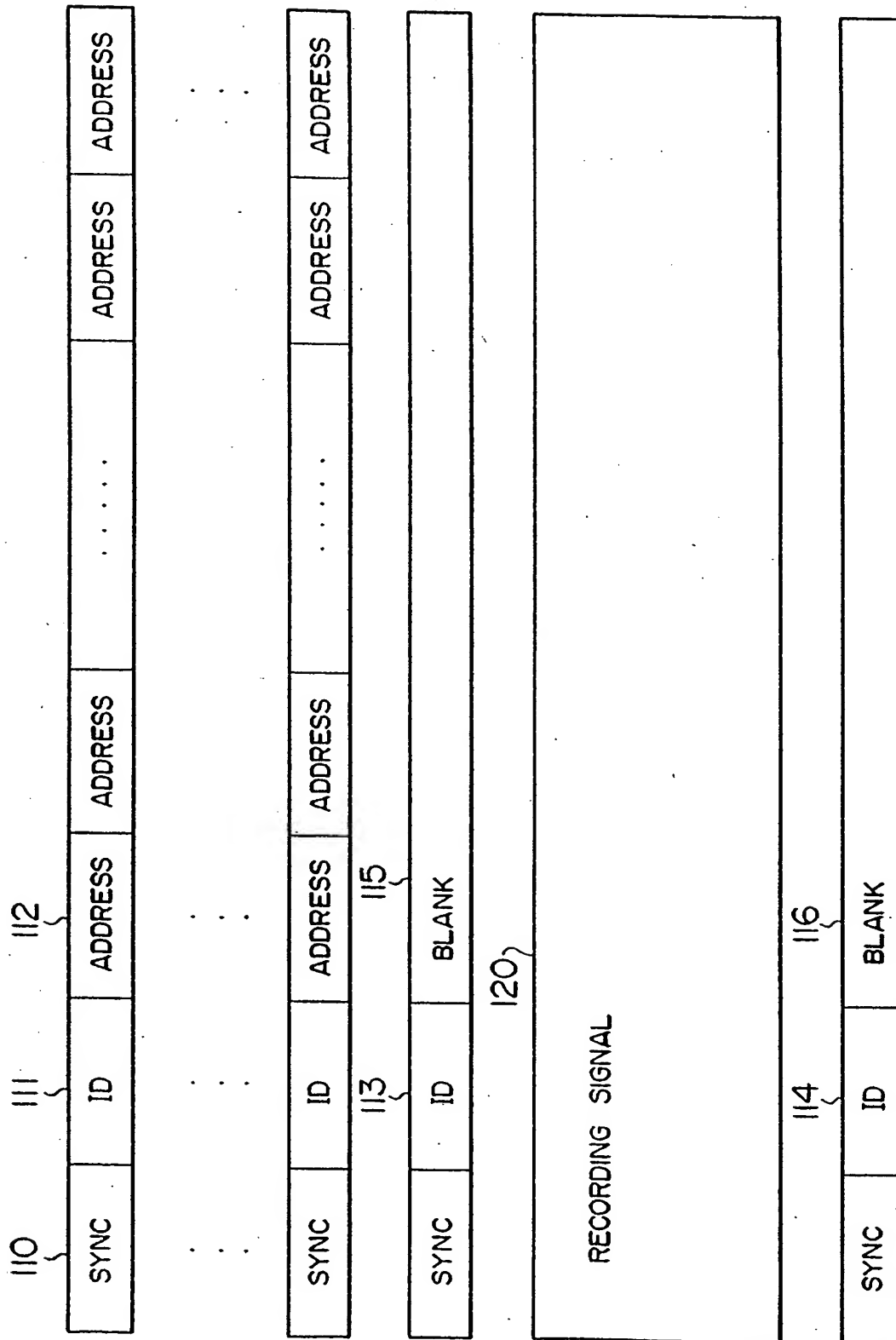


FIG. 7

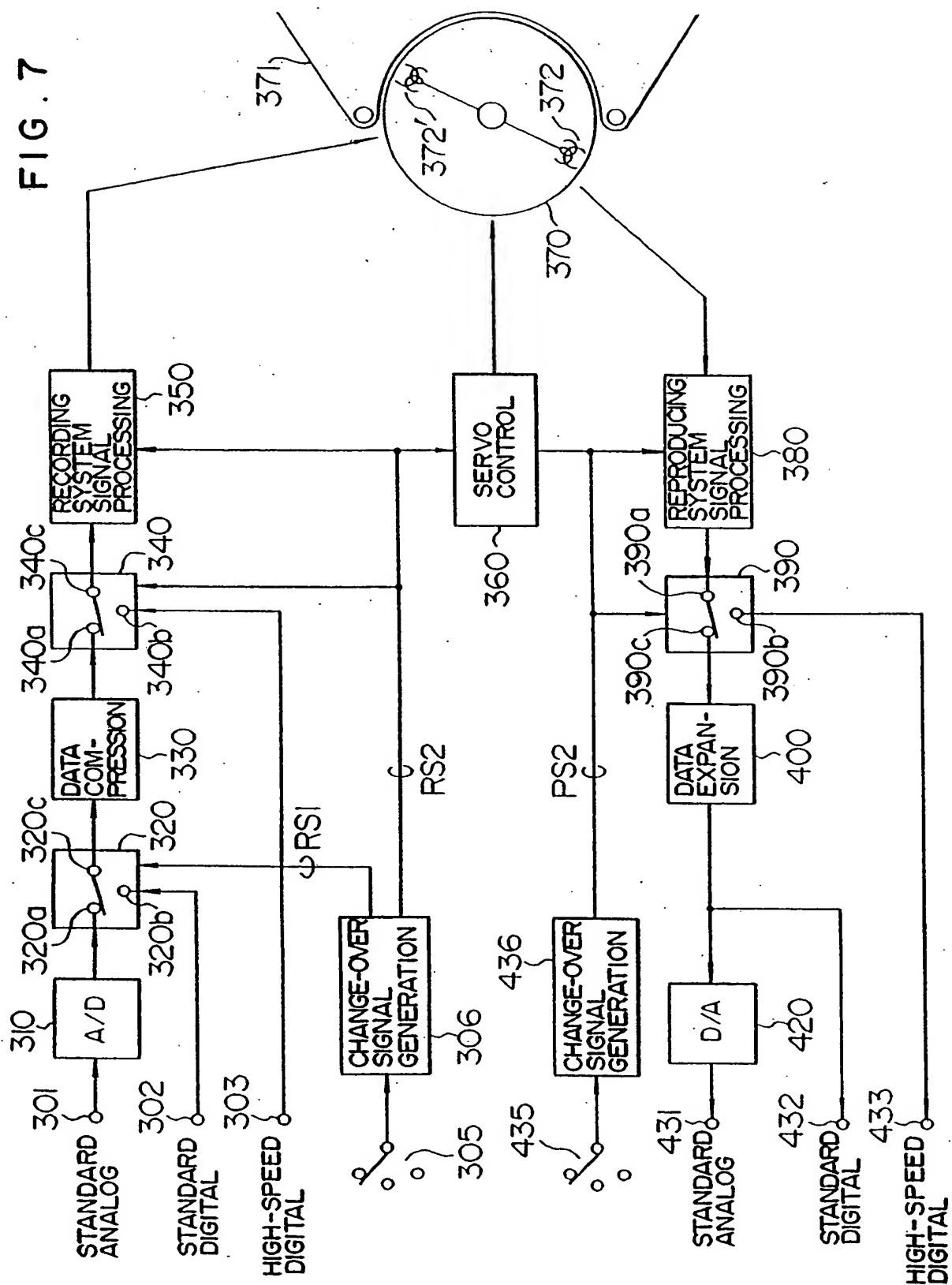


FIG. 8

INPUT \ ITEM		FIELD FREQUENCY	TRANSMISSION RATE	DATA COMPRESSION	TIME-BASE COMPRESSION
STANDARD SPEED	ANALOG	59.94 Hz	(AFTER A/D) 114 Mbps	ABSENCE	ABSENCE
	DIGITAL		114 Mbps		
HIGH SPEED	DIGITAL	59.94 Hz	100 Mbps	PRESENCE 1/11.4	PRESENCE 1/10

FIG. 9

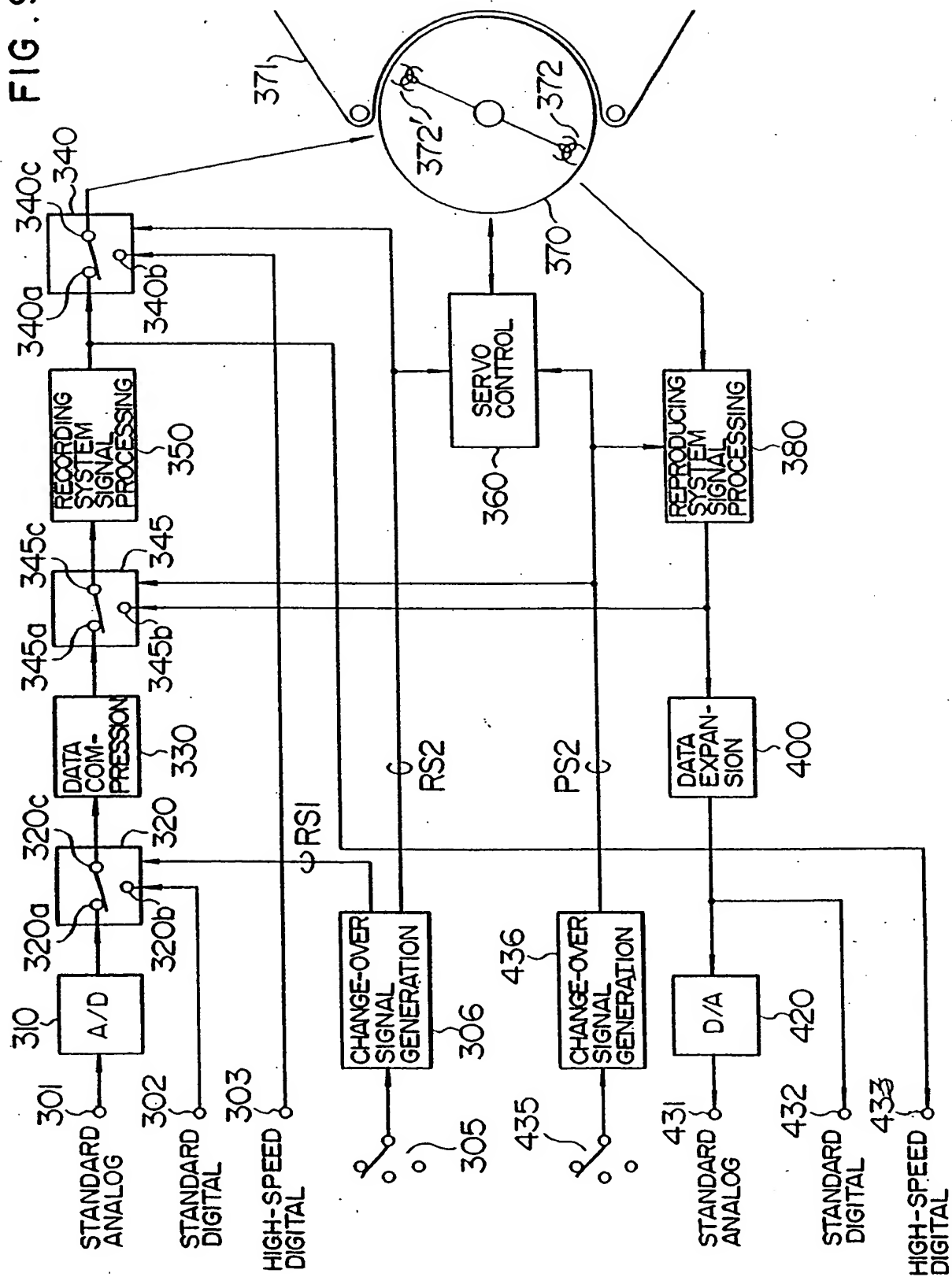


FIG. 10

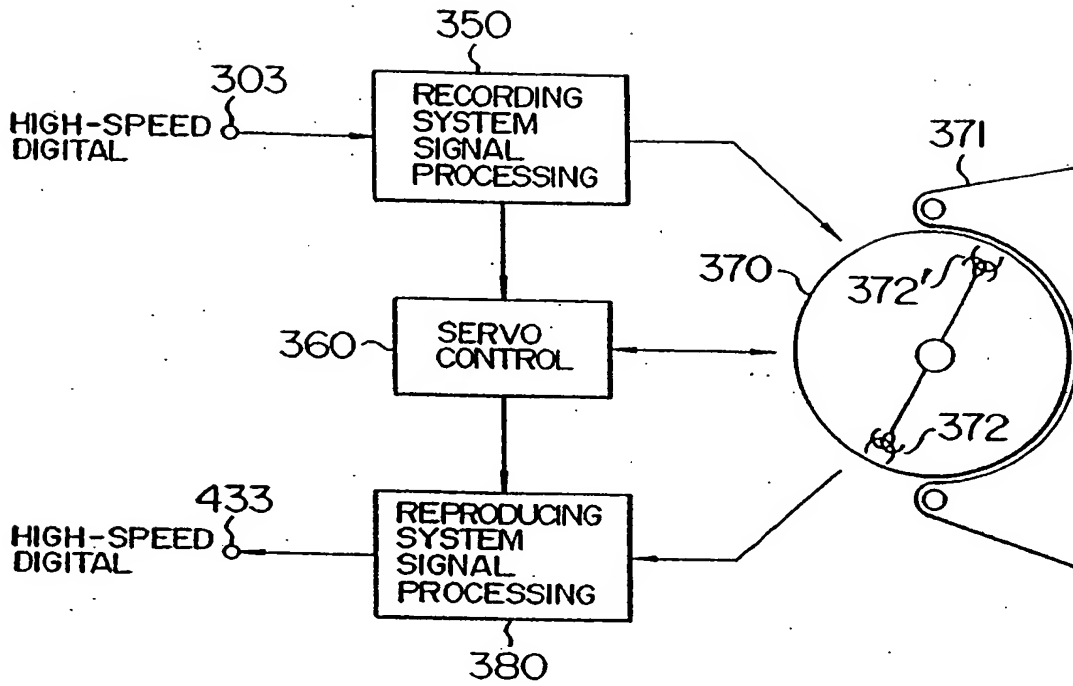


FIG. 11

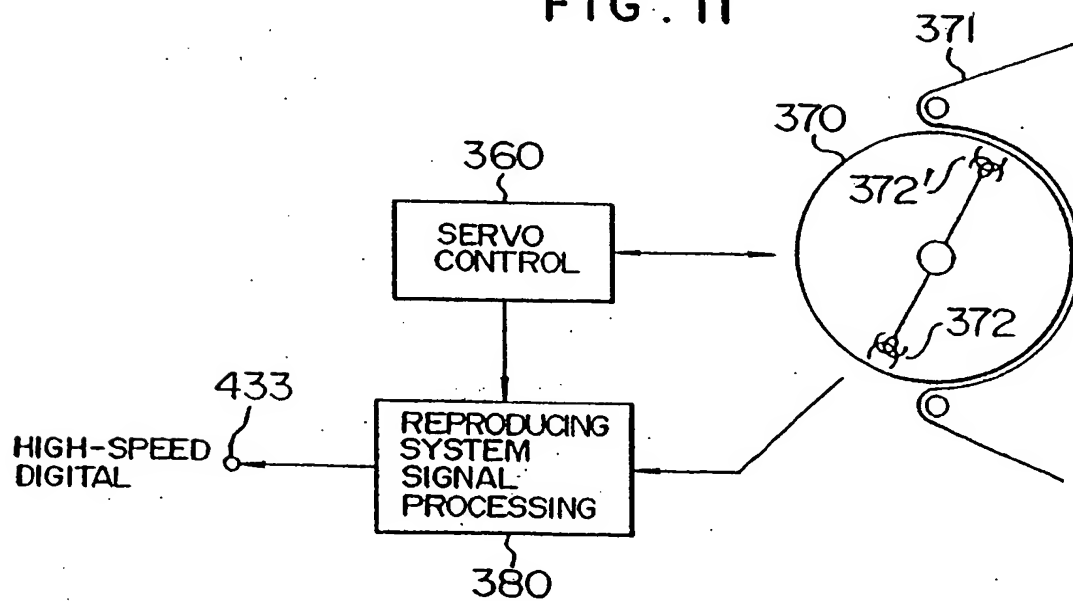


FIG. 12

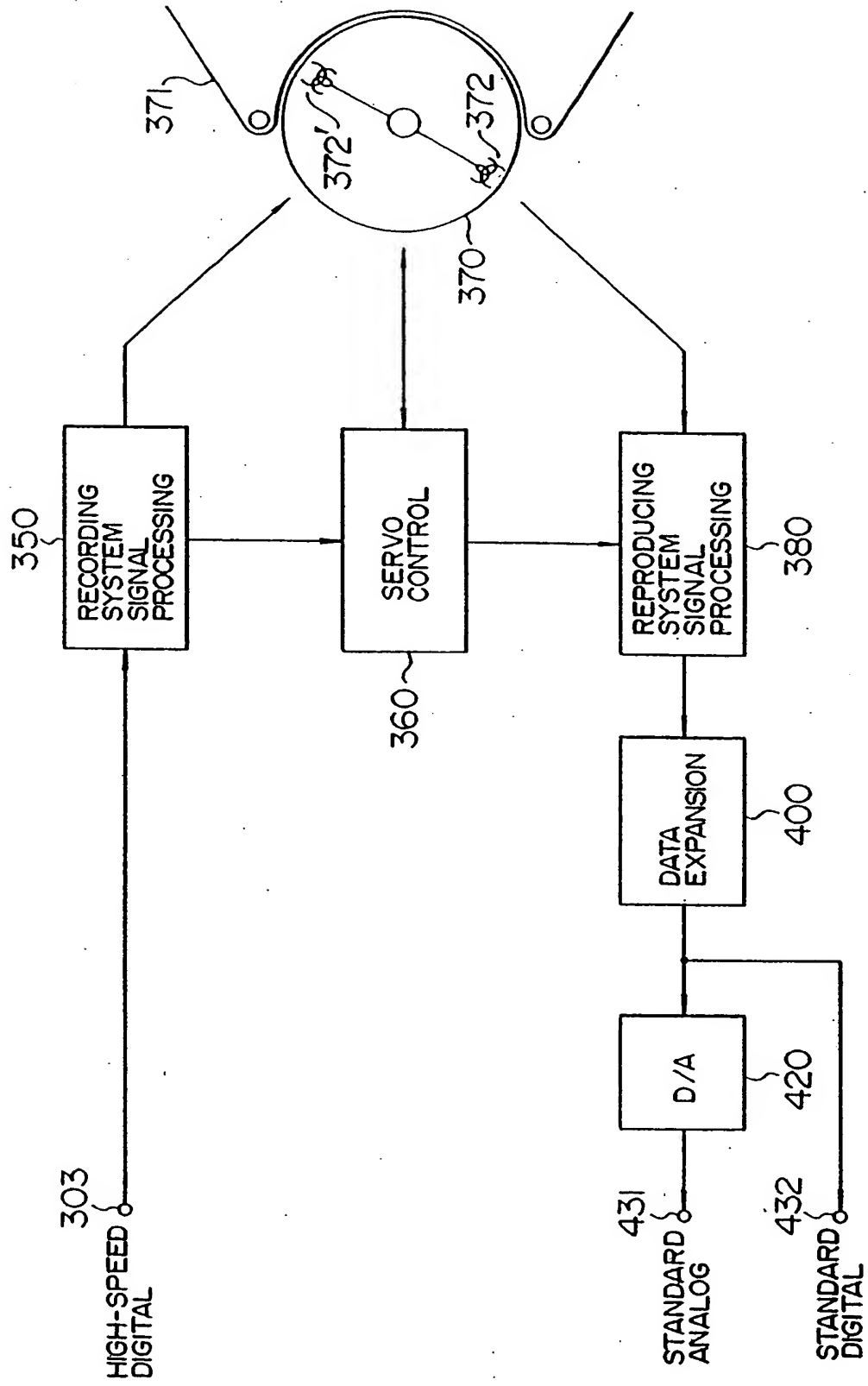


FIG. 13

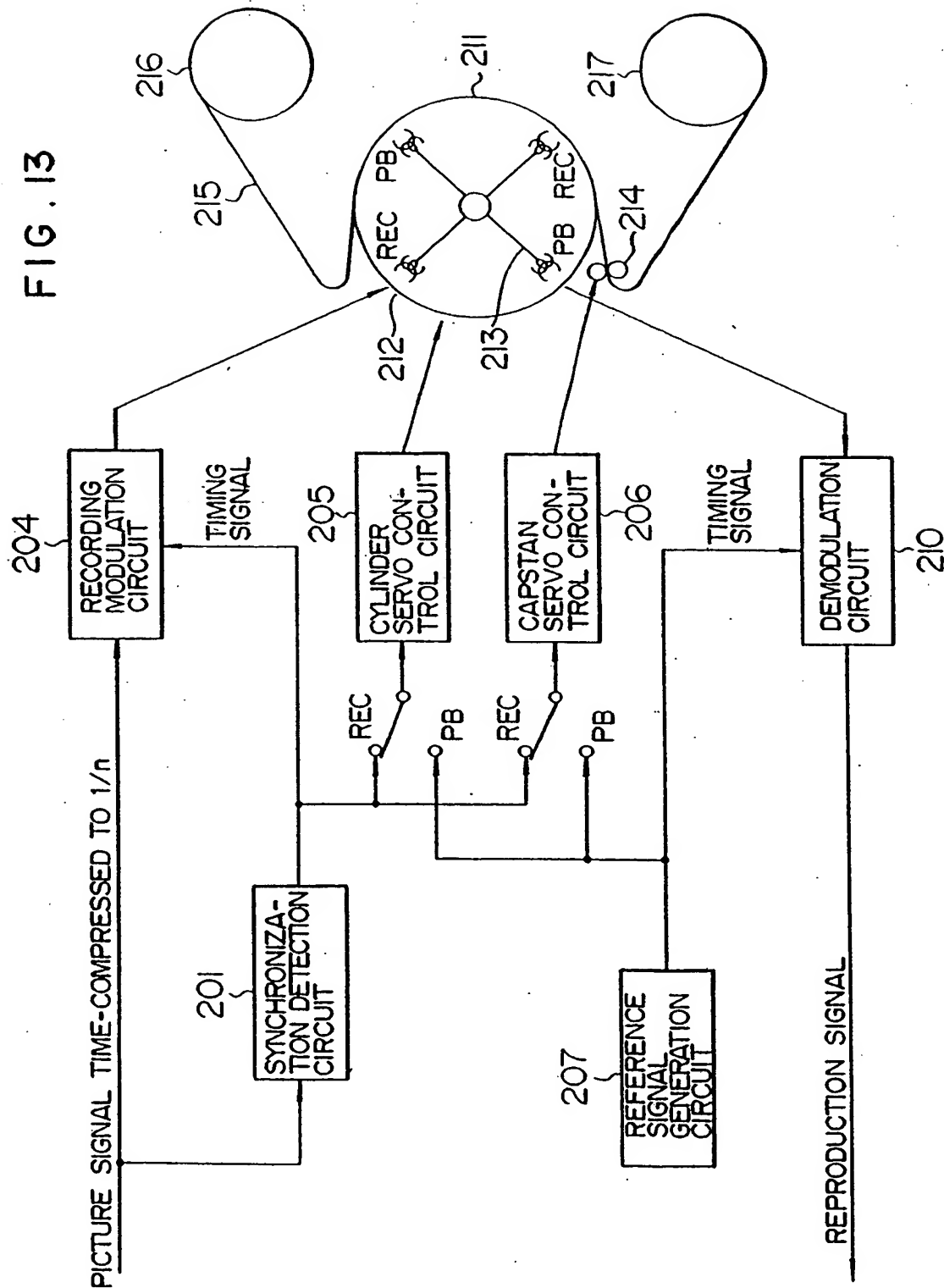


FIG. 14

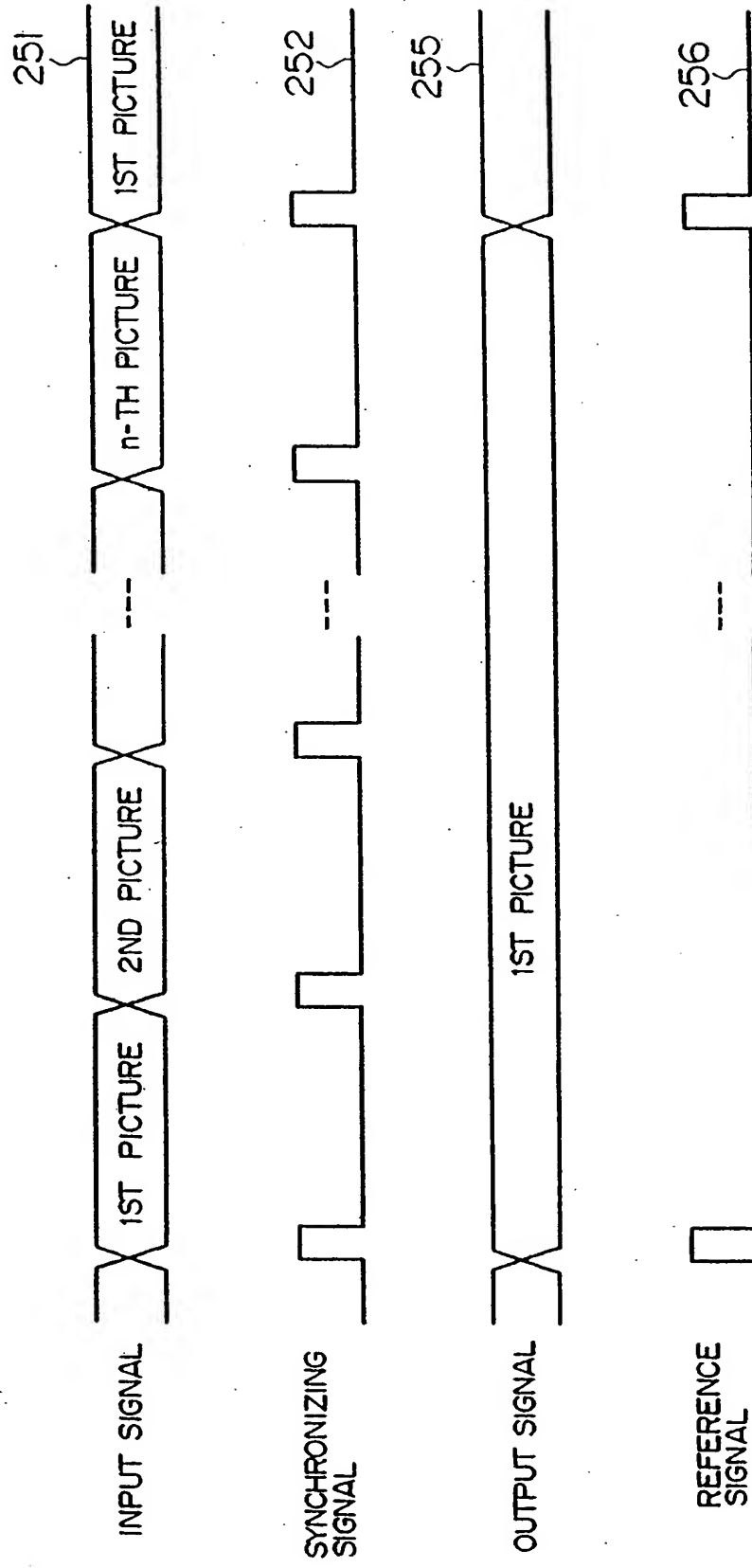


FIG. 15

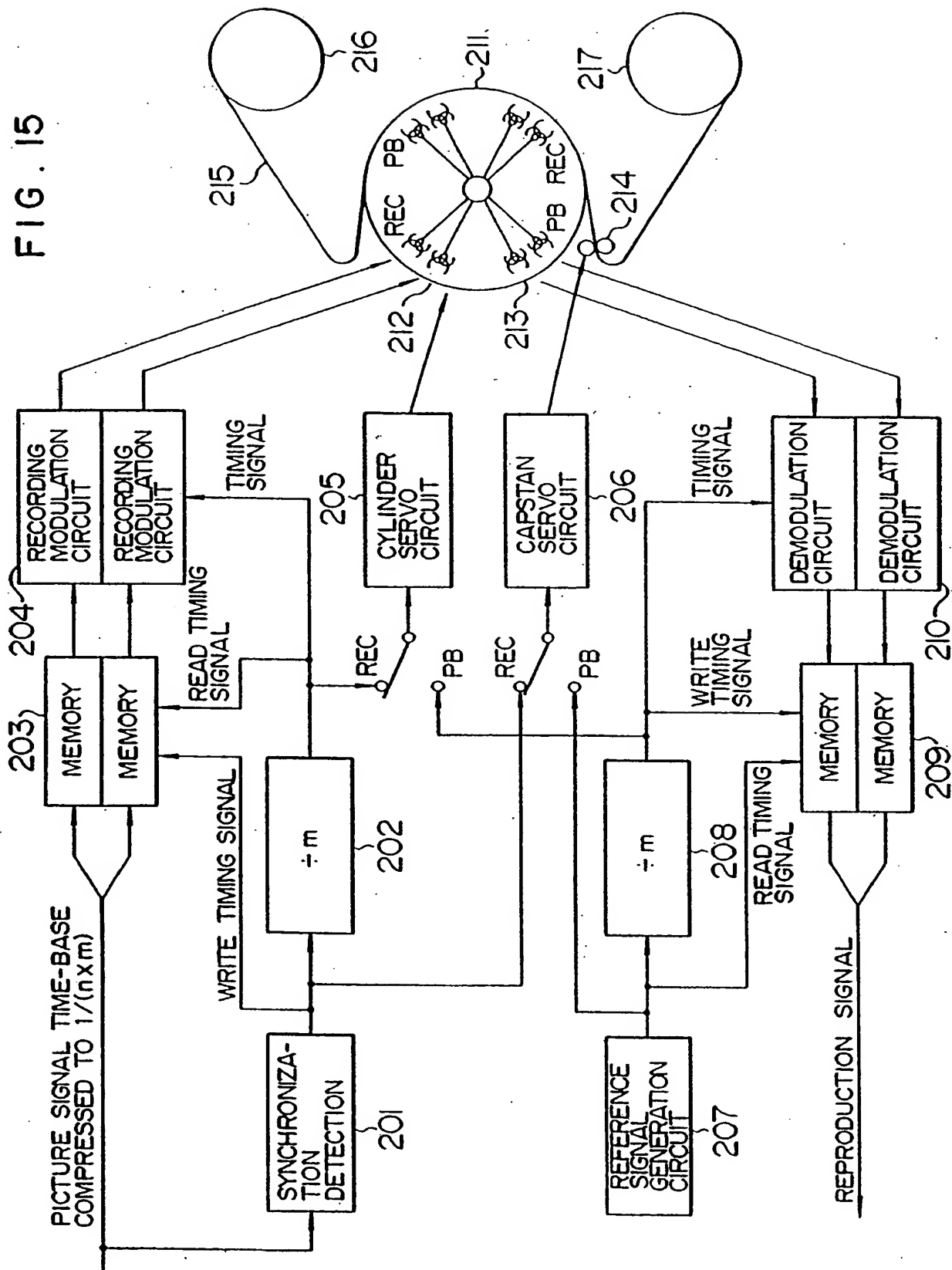


FIG. 16

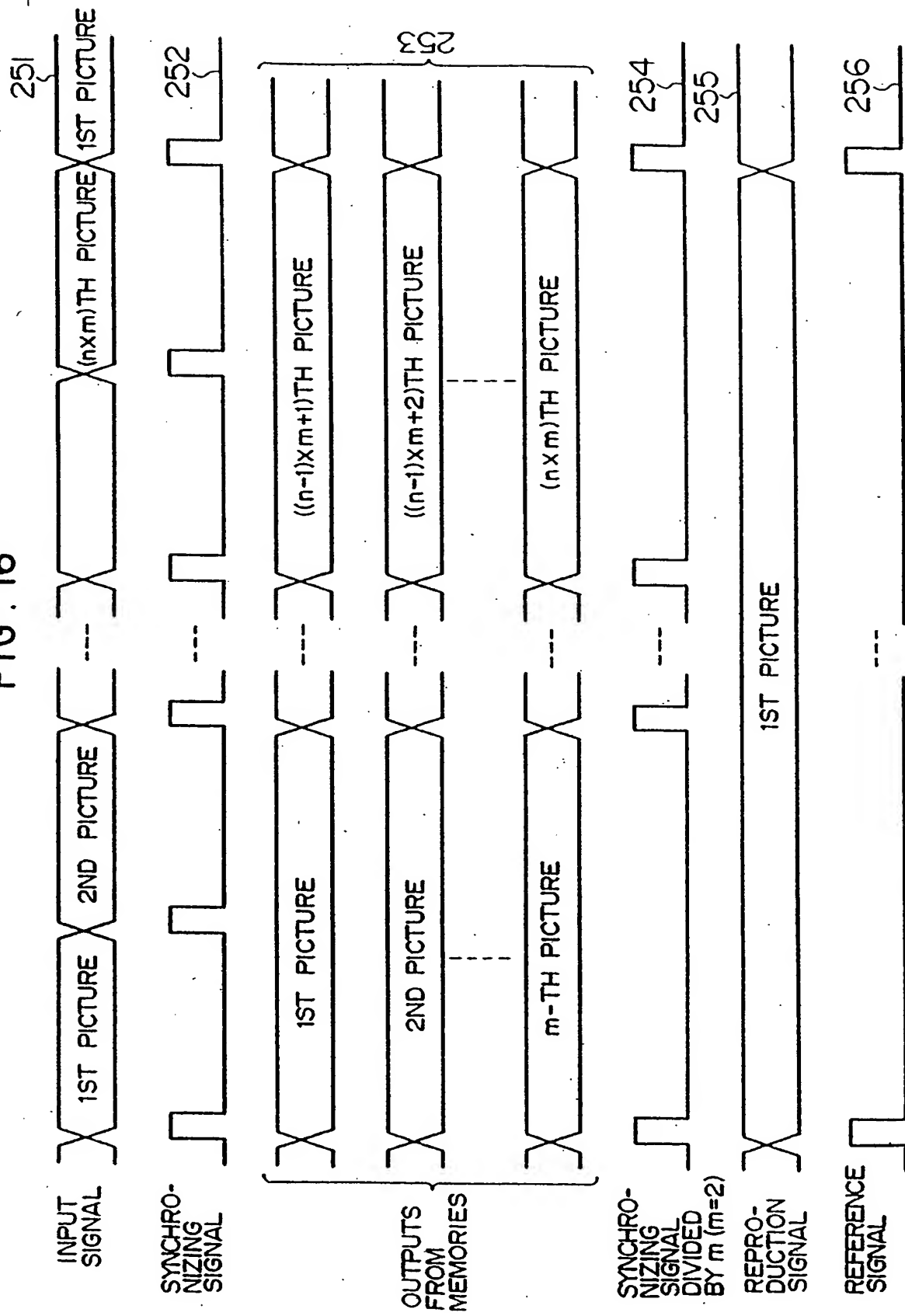


FIG. 17

SYSTEM	MODE		TAPE SPEED (RATIO TO STANDARD SPEED)			CYLINDER ROTATION SPEED (rpm)			NUMBER OF HEAD PAIRS		CYLINDER DIAMETER (mm ϕ)	CYLINDER CONTACT ANGLE (deg)	NUMBER OF TRACKS REQUIRED FOR ONE PICTURE	REMARKS
	REC	PB	REC	PB		REC	PB		REC	PB				
VHS (NTSC)	NORMAL SPEED		1	1		1800	1800		1	1	62	180	1	
D2 (NTSC)	NORMAL SPEED		1	1		5400	5400		2	2	96	180	6	
EXAMPLE ①	HIGH SPEED		10	1		9000	900							
	HIGH SPEED		10	10		9000	9000		1	1	120	180	1/2	
	NORMAL SPEED		1	10		900	9000							
	HIGH SPEED		10	1		9000	900							
EXAMPLE ②	HIGH SPEED		10	10		9000	9000		1	1	90	270	1/2	
	NORMAL SPEED		1	10		900	9000							
	HIGH SPEED		10	1		9000	900							
	HIGH SPEED		10	10		9000	9000							
EXAMPLE ③	HIGH SPEED		10	1		18000	1800							
	HIGH SPEED		10	10		18000	18000		1	1	60	180	1	
	NORMAL SPEED		1	10		1800	18000							
	HIGH SPEED		10	1		9000	900							
EXAMPLE ④	HIGH SPEED		10	10		9000	9000		2	2	60	180	1	
	NORMAL SPEED		1	10		900	9000							
	HIGH SPEED		10	1		9000	1800		2	1				
	HIGH SPEED		10	10		9000	9000							
EXAMPLE ⑤	HIGH SPEED		10	10		9000	9000		2	2	60	180	1	MOVABLE HEADS ARE REQUIRED
	NORMAL SPEED		1	10		1800	9000		1	2				
	HIGH SPEED		10	1		9000	1800							
	HIGH SPEED		10	10		9000	9000							

FIG. 18

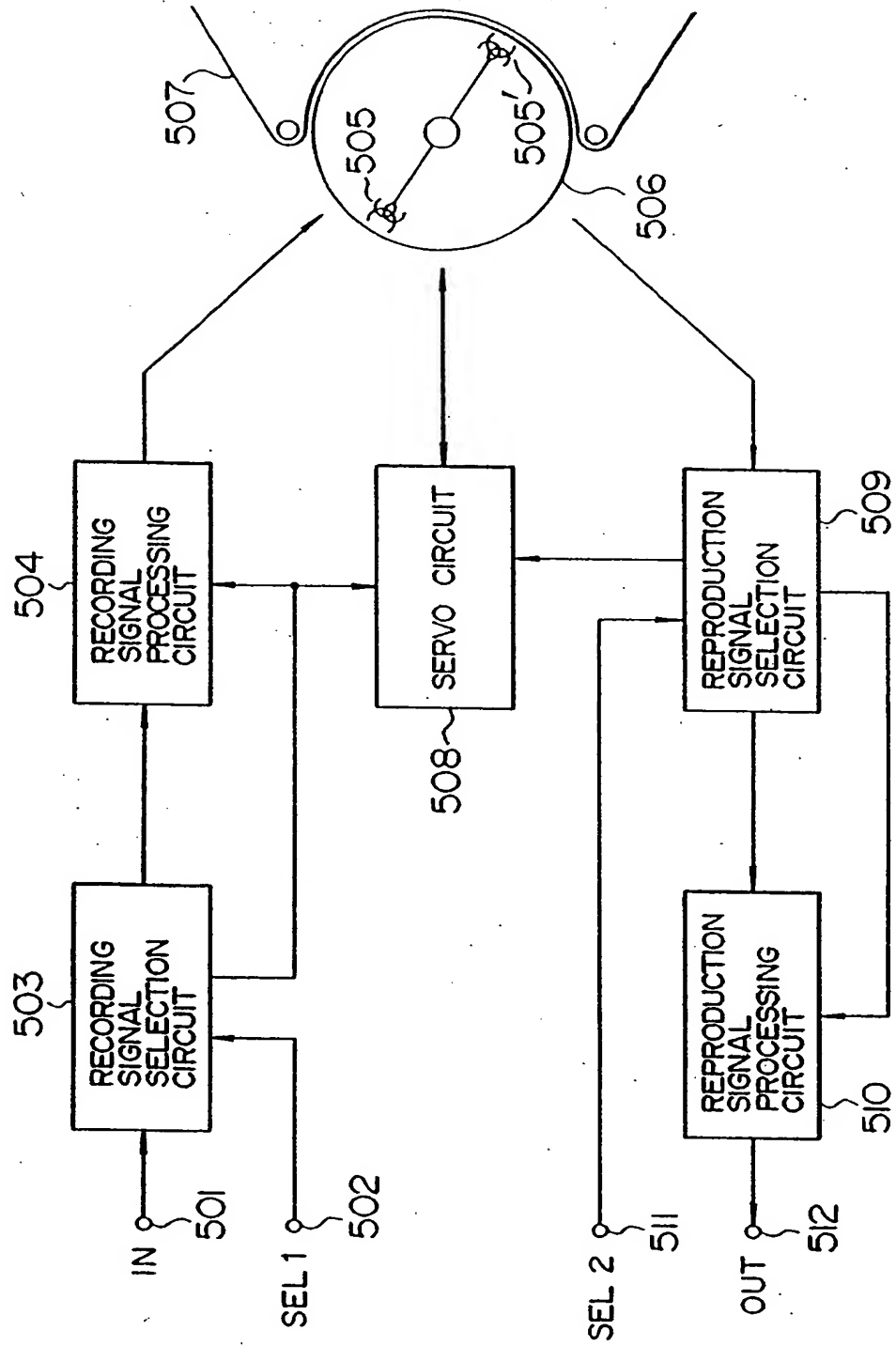


FIG. 19

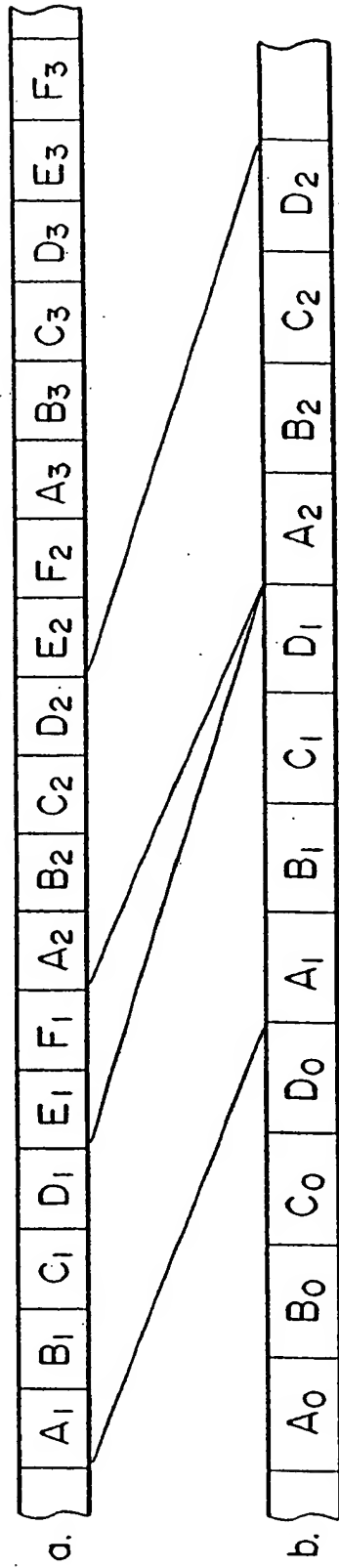


FIG. 20

